

Work Order ID 99942  
April-16-13 12:37:12 PM

\*99942\*

Page 1

Item ID: 646.4001

Accept

\*N900040100\*

Setup Start

\*NS1\*

Revision ID:

Item Name: AS350 Cable Cutter

Stop

\*NS2\*

Start Date: 4/16/13 Start Qty: 1.00

\*1\*

Cust Item ID:

Required Date: 4/30/13 Req'd Qty: 1.00

\*1\*

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 13-04-16 Tooling:

Date:

Run Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
646.4000	A	0.00	AS 27 06	1					
100		0.00							
*100*	DOCUMENT CONTROL	0.00	B6B						
DC	Memo	0.00							
Document Control	Photocopy bluefile & type labels per PPP 646.4001								

110 Pick Kit 0.00

\*110\*

Packaging

Packaging

AS  
27  
06

4/3/14 10  
S

120 QC4- 100% Inspect kits for completeness 0.00

\*120\*

QC

Quality Control

B6B

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other							
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled							

Work Order ID 99942

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\*99942\*

Page 2

Item ID: 646.4001

Accept

\*N900040100\*

Setup Start

\*NS1\*

Revision ID:

Item Name: AS350 Cable Cutter

Stop

\*NS2\*

Start Date: 4/16/13 Start Qty: 1.00 \*1\*

Cust Item ID:

Required Date: 4/30/13 Req'd Qty: 1.00 \*1\*

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 <b>*130*</b> Packaging	Packaging	0.00	skip			SD	13/06/13		SL
Packaging	Memo	0.00							
	Identify and pack for shipping as per PPP 646.4001								
Location: _____									
140 <b>*140*</b> QC	QC21- Final Inspection - Work Order Release	0.00				MLJ	13-06-13		
Quality Control	Memo	0.00							

W130613

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other							

# Picklist Print

April-16-13 12:37:15 PM

Page 1

17

Work Order ID: 99942

\*99942\*  
\*646 4001\*

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.10.23 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

646.3301

\*646 3301\*

Upper Cutter Assembly

Manufactured

No

Each

25.0000

\*\*



646.3001

\*646 3001\*

Lower Cutter Assembly

Manufactured

No

ST139A

125083

ST545

93247

Loc Qty

7

7

18

18

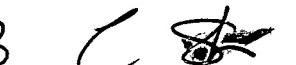
Each

17.0000

\*\*



93247  
10/18/23



646.2910

\*646 2910\*

Deflector

Manufactured

No

ST139A

125083

ST537

93425

Loc Qty

9

9

8

8

Each

6.0000

\*\*



0  
B100122



SB

SB

SB

Location

ST139A

125083

Loc Qty

6

6

Loc Code

\_\_\_\_\_

\_\_\_\_\_

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

NCR: Yes / No

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS					
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging	Engineering Quality Other			
Part No. _____ NCR No. _____										
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data										
Equip/Tooling										
Operator										
Material										
Setup										
Other										
Process										
Supplier										
Training										
Unapproved										
FAULT CATEGORY										
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other						

# Picklist Print

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Work Order ID: 99942

\*99942\*  
\*646 4001\*

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

646.3810

Manufactured No

Each 8.0000

\*\*

\*646-3810\*

*JW*

*2*  
*99724*

*C*  
*S*

646.3510

Manufactured No

Loc Qty Loc Code

Location  
ST139A

Loc Qty

Loc Code

8

8

Each 3.0000

\*\*

\*646-3510\*

*SM*

*1*  
*99609*

*C*  
*S*

646.3511

Manufactured No

Loc Qty Loc Code

Location  
ST139B

Loc Qty

Loc Code

3

3

Each 2.0000

\*\*

\*646-3511\*

*SM*

*1*  
*B110114*

*C*  
*S*

646.3512

Manufactured No

Loc Qty Loc Code

Location  
ST

Loc Qty

Loc Code

2

2

Each 1.0000

\*\*

\*646-3512\*

*SH*

*1*  
*T0018*

*C*  
*S*

646.3513

Manufactured No

Loc Qty Loc Code

Location  
ST139A

Loc Qty

Loc Code

1

1

Each 24.0000

\*\*

\*646-3513\*

*SH*

*1*

*13/6/06*

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

NCR: Yes / No

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear	General										
	Bending <input type="checkbox"/>	Bend <input type="checkbox"/>	Grain <input type="checkbox"/>	Ovalized <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>						
	Centre Not Concentric to O/S <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>						
	Cracks <input type="checkbox"/>	Broken/Damaged <input type="checkbox"/>	Inspection Incomplete <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Weld <input type="checkbox"/>						
	Crushed/Crimped. <input type="checkbox"/>	Burrs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>						
	Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Maintenance <input type="checkbox"/>	Part Moved <input type="checkbox"/>							
	Heat Treat <input type="checkbox"/>	Countersink <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>							
	Inspection Strip in Tube <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Misread <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>						
	Ripples in Bend <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Offset <input type="checkbox"/>								
	Torque Waves in Extrusion <input type="checkbox"/>	Drawing <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>								
	Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>								
	Wave/Twist in Tube <input type="checkbox"/>	Folio <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>								

# Picklist Print

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Page 3

Work Order ID: 99942

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

\*99942\*  
\*646 4001\*

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

NAS1149F0332P

Purchased

No

Each

8,710.000

134

\*\*

\*NAS1149F0332P\*

WASHER

5/23/23  
1009

5hp

Location	Loc Qty	Loc Code
----------	---------	----------

GA	182	
	122063	
ST294	182	
	122063	
ST295	158	
	123352	
st510	158	
	123900	
st510	3	
	123352	
123900	3	
123900	8367	
123900	8367	

Each 4,780.000

\*\*

MS21042L3

Purchased

No

Each

\*MS21042L3\*

Nut

3421

5hp

Location	Loc Qty	Loc Code
----------	---------	----------

FP001	3	
	122141	
GA	3	
	122452	
ST314	119	
	117885	
ST314	119	
	119017	
119075	268	
	119075	
123265	32	
	123265	
ST506	55	
	119075	
123900	138	
	123900	
124291	43	
	124291	
ST506	4390	
	123900	
124291	974	
	124291	
124291	3416	

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear	General										
	Bending <input type="checkbox"/>	Bend <input type="checkbox"/>	Grain <input type="checkbox"/>	Ovalized <input type="checkbox"/>	Pressure/Forced Temperature/Cure						
	Centre Not Concentric to O/S <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>							
	Cracks <input type="checkbox"/>	Broken/Damaged <input type="checkbox"/>	Inspection Incomplete <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>							
	Crushed/Crimped. <input type="checkbox"/>	Burrs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>							
	Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Maintenance <input type="checkbox"/>	Part Moved <input type="checkbox"/>							
	Heat Treat <input type="checkbox"/>	Countersink <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>							
	Inspection Strip in Tube <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Misread <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>							
	Ripples in Bend <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Offset <input type="checkbox"/>	Other <input type="checkbox"/>							
	Torque Waves in Extrusion <input type="checkbox"/>	Drawing <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>								
	Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>								
	Wave/Twist in Tube <input type="checkbox"/>	Folio <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>								

# Picklist Print

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Page 4

Work Order ID: 99942

\*99942\*  
\*646 4001\*

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Required Date: 4/30/13

646.3110

Manufactured No

Each 6.0000

\*\*

\*646 3110\*  
Channel

SMP

646.3710

Manufactured No

Each 22.0000

\*\*

\*646 3710\*  
Doubler

SMP

646.3210

Manufactured No

Each 5.0000

\*\*

\*646 3210\*  
Support

SMP

646.3713

Manufactured No

Each 7.0000

\*\*

\*646 3713\*  
Gusset

SMP

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST139A	6	
125083	6	

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST425	22	
97175	22	

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST538	5	
93488	5	

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST139A	7	
93208	7	

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

NCR: Yes / No

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>			
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data										
Equip/Tooling										
Operator										
Material										
Setup										
Other										
Process										
Supplier										
Training										
Unapproved										
FAULT CATEGORY										
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other						

# Picklist Print

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Work Order ID: 99942

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

\*99942\*  
\*646 4001\*

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

MS24694-S51

Purchased

No

Each

108.0000

\*\*

\*MS24694-S51\*

Screw



AN3-13A

Purchased

No

Each

95.0000

\*\*

\*AN3-13A\*

Bolt



AN3-4A

Purchased

No

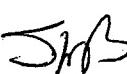
Each

453.0000

\*\*

\*AN3-4A\*

Bolt



<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST303	108	
116805	1	
123741	107	

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST351	45	
104746	15	
120910	30	
ST512	50	
123759	50	

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST350	318	
120308	80	
122814	38	
124858	200	
ST512	135	
120770	134	
123900	1	

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear	General										
	Bending <input type="checkbox"/>	Bend <input type="checkbox"/>	Grain <input type="checkbox"/>			Ovalized <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>				
	Centre Not Concentric to O/S <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>			Over/Under tolerance <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>				
	Cracks <input type="checkbox"/>	Broken/Damaged <input type="checkbox"/>	Inspection Incomplete <input type="checkbox"/>			Part Incorrect <input type="checkbox"/>	Weld <input type="checkbox"/>				
	Crushed/Crimped. <input type="checkbox"/>	Burrs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>			Part Lost/Missing <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>				
	Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Maintenance <input type="checkbox"/>			Part Moved <input type="checkbox"/>					
	Heat Treat <input type="checkbox"/>	Countersink <input type="checkbox"/>	Mislabeled <input type="checkbox"/>			Positioned Wrong <input type="checkbox"/>					
	Inspection Strip in Tube <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Misread <input type="checkbox"/>			Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>				
	Ripples in Bend <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Offset <input type="checkbox"/>								
	Torque Waves in Extrusion <input type="checkbox"/>	Drawing <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>								
	Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>								
	Wave/Twist in Tube <input type="checkbox"/>	Folio <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>								

# Picklist Print

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Page 6

Work Order ID: 99942

\*99942\*

Parent Item: 646.4001

\*646 4001\*

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Required Date: 4/30/13

CR3213-5-3

Purchased No

Each 300.0000

Start Qty: 1.00

Required Qty: 1.00

\*CR3213-5-3\*

Cherry.Rivet

Shp

\*\*



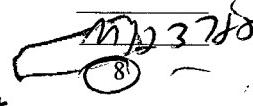
Cl

MS20470AD5-5.5

Purchased No

Each 741.0000

\*\*



\*MS20470AD5-5.5\*

Rivet

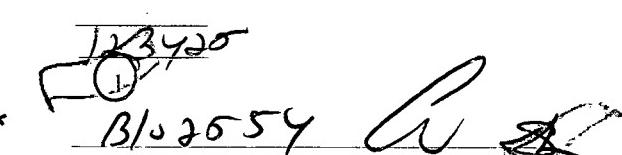
Shp

646.3711

Manufactured No

Each 2.0000

\*\*



646.3712

\*646.3712\*

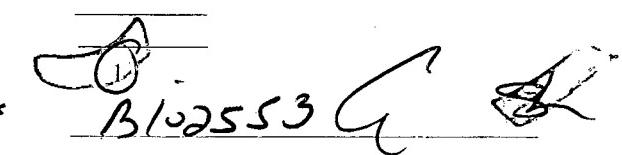
Clip

Shp

Manufactured No

Each 2.0000

\*\*



NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>			
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data										
Equip/Tooling										
Operator										
Material										
Setup										
Other										
Process										
Supplier										
Training										
Unapproved										
FAULT CATEGORY										
Landing Gear				General						
				Bending <input type="checkbox"/>	Bend <input type="checkbox"/>	Grain <input type="checkbox"/>	Ovalized <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>		
				Centre Not Concentric to O/S <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>		
				Cracks <input type="checkbox"/>	Broken/Damaged <input type="checkbox"/>	Inspection Incomplete <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Weld <input type="checkbox"/>		
				Crushed/Crimped <input type="checkbox"/>	Burrs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>		
				Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Maintenance <input type="checkbox"/>	Part Moved <input type="checkbox"/>			
				Heat Treat <input type="checkbox"/>	Countersink <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>			
				Inspection Strip in Tube <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Misread <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>		
				Ripples in Bend <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Offset <input type="checkbox"/>				
				Torque Waves in Extrusion <input type="checkbox"/>	Drawing <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>				
				Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>				
				Wave/Twist in Tube <input type="checkbox"/>	Folio <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>				

# Picklist Print

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Page 7

Work Order ID: 99942

\*99942\*  
\*646 4001\*

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

646.3811

Manufactured No

Each 29.0000

\*\*

\*646 3811\*

Radius Block

SHP



L



AN3-6A

Purchased No

Each 438.0000

\*\*

\*AN3-6A\*

Bolt

SHP



L



MS24694-S55

Purchased No

Each 92.0000

\*\*

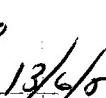
\*MS24694-S55\*

Screw

SHP



L



size 3

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS									
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>								
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>								
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>								
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>									
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector						
Doc/Data															
Equip/Tooling															
Operator															
Material															
Setup															
Other															
Process															
Supplier															
Training															
Unapproved															
FAULT CATEGORY															
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <hr/> <hr/> <hr/>				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled  <hr/> <hr/> <hr/>	

# Picklist Print

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Page 8

Work Order ID: 99942

\*99942\*  
\*646 4001\*

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

646.3610

Manufactured No

Each 18.0000

\*\*

~~\*646 3610\*~~

Filler

Shop

Location	Loc Qty	Loc Code
125083	7	
125083	7	
ST139A	11	
93434	11	

646.3714

Manufactured No

Each 2.0000

\*\*

~~\*646 3714\*~~

Gusset

Shop

Location	Loc Qty	Loc Code
ST139A	2	
93175	2	

MS20470AD5-6

~~\*MS20470AD5-6\*~~

Rivet

Shop

Location	Loc Qty	Loc Code
ST336	1756	
105433	866	
124089	890	

646.3812

~~\*646 3812\*~~

Gusset Bracket

Shop

Manufactured No

Each 9.0000

\*\*

Location	Loc Qty	Loc Code
ST139B	9	
93185	9	

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other							

# Picklist Print

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Page 9

Work Order ID: 99942

\*99942\*  
\*646 4001\*

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

AN3-3A

Purchased No

Each 268.0000

\*\*

~~\*AN3-3A\*~~  
Bolt



C



646.3813

Manufactured No

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST350	268	
123831	7	
124221	200	
124552	61	

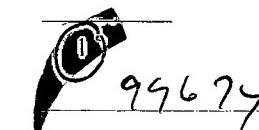
Each 5.0000

\*\*

~~\*646 3813\*~~  
Strut Bracket

Skp

May 22)



MS20470AD5-7

Purchased No

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST139d	5	
125083	5	

Each 2,194.000

\*\*

~~\*MS20470AD5-7\*~~

Rivet

3m



C



MS21047-3

Purchased No

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
Mezz	1384	
2655	799	
3011	585	
ST336	810	
123425	810	

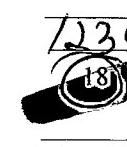
Each 445.0000

\*\*

~~\*MS21047-3\*~~

NUT PLATE

3m



C. 3/6/10



123522

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

NCR: Yes / No

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS														
			Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Use-as-is <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Machining <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/>	Quality <input type="checkbox"/>	Other <input type="checkbox"/>
Part No. _____		NCR No. _____		Work Order Update <input type="checkbox"/>																
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance		Initial Chief Eng	Action Description			Sign & Date	Verification	QC Inspector								
Doc/Data																				
Equip/Tooling																				
Operator																				
Material																				
Setup																				
Other																				
Process																				
Supplier																				
Training																				
Unapproved																				
FAULT CATEGORY																				
Landing Gear				General																
				Bending <input type="checkbox"/>	Bend <input type="checkbox"/>	Grain <input type="checkbox"/>	Ovalized <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>												
				Centre Not Concentric to O/S <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>												
				Cracks <input type="checkbox"/>	Broken/Damaged <input type="checkbox"/>	Inspection Incomplete <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Weld <input type="checkbox"/>												
				Crushed/Crimped <input type="checkbox"/>	Burrs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>												
				Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Maintenance <input type="checkbox"/>	Part Moved <input type="checkbox"/>													
				Heat Treat <input type="checkbox"/>	Countersink <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>													
				Inspection Strip in Tube <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Misread <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>												
				Ripples in Bend <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Offset <input type="checkbox"/>														
				Torque Waves in Extrusion <input type="checkbox"/>	Drawing <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>														
				Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>														
				Wave/Twist in Tube <input type="checkbox"/>	Folio <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>														

# Picklist Print

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Work Order ID: 199942

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

\*99942\*  
\*646 4001\*

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

CCR264SS3-02

Purchased

No

Each

740.0000

\*\*

\*CCR264SS3-02\*

Rivet Cherry

3412

Shd

AN3-5A

Purchased

No

Each

1,103.000

\*\*

\*AN3-5A\*

Bolt

Shd

646.3715

\*646 3715\*

Strut Doubler

Manufactured

No

Each

12.0000

\*\*

Shd

## Location      Loc Qty      Loc Code

ST327	740	
106578	100	
123785	240	
124231	200	
124259	200	

## Location      Loc Qty      Loc Code

FP001	86	
122800	86	
GA	120	
117423	120	
ST350	22	
120187	22	
ST512	875	
122416	75	
124561	800	

## Location      Loc Qty      Loc Code

ST139B	12	
93338	12	

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <hr/> <hr/>							
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled  <hr/>							
				<input type="checkbox"/> Other							

# Picklist Print

April-16-13 12:37:16 PM

Page 11

Work Order ID: 99942

\*99942\*

Parent Item: 646.4001

\*646 4001\*

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Required Date: 4/30/13

MS27039-1-12

Purchased

No

Each

169.0000

\*\*

\*MS27039-1-12\*

Screw

*SWP*



*C*



646.3716

Manufactured

No

Each

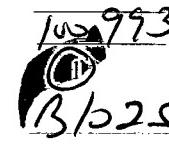
4.0000

\*\*

\*646 3716\*

Gauge Bracket

*SM*



*B*



MS20426AD5-7

Purchased

No

Each

813.0000

\*\*

\*MS20426AD5-7\*

Rivet

*SM*



*L*



MS24694-S54

Purchased

No

Each

76.0000

\*\*

\*MS24694-S54\*

Screw

*SM*



*125-530*



*SAE2*

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
Mezz	169	
	169	

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
100993	4	
	4	

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
125083	4	
125083	4	
	Each	813.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST334	813	
101340	813	
	Each	76.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST303	76	
123900	1	
124859	75	

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS					
				Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>			
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/> Equip/Tooling <input type="checkbox"/> Operator <input type="checkbox"/> Material <input type="checkbox"/> Setup <input type="checkbox"/> Other <input type="checkbox"/> Process <input type="checkbox"/> Supplier <input type="checkbox"/> Training <input type="checkbox"/> Unapproved <input type="checkbox"/>											
FAULT CATEGORY											
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio  <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled

# Picklist Print

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Page 12

Work Order ID: 99942

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

\*99942\*  
\*646 4001\*

MS27039-1-21

Purchased No

Each 343.0000

Start Date: 4/16/13  
Start Qty: 1.00

Required Date: 4/30/13  
Required Qty: 1.00

~~\*MS27039-1-21\*~~

SCREW

SMR

\*\*



LS

MS27039-1-20

Purchased No

Each 478.0000

\*\*

~~\*MS27039-1-20\*~~

Screw

SMR



LS

MS27039-1-19

Purchased No

Each 848.0000

\*\*

~~\*MS27039-1-19\*~~

Screw

SMR



LS

646.3717

Manufactured No

Each 2.0000

\*\*

~~\*646-3717\*~~

Doubler

SMR



LS

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST306	43	
115935	43	
ST506	300	
124326	300	

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
st510	478	
124326	478	
	Each	
	848.0000	

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST306	102	
122814	2	
123522	100	
ST506	746	
124326	746	

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST139B	2	
125083	2	

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other							
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled							

# Picklist Print

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Page 13

Work Order ID: 99942

\*99942\*  
\*646 4001\*

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Required Date: 4/30/13

646.3718

Manufactured No

Each 45.0000

\*\*

\*646 3718\*

Custom Washer

*ShD*



*L* *S*

646.3719

Manufactured No

Each 24.0000

\*\*

\*646 3719\*

Doubler

*ShD*



*B100125* *C*

MS27039-1-10

Purchased No

Each 321.0000

\*\*

\*MS27039-1-10\*

Screw

*Shm*



*13/6/06* *C*

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS									
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>							
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>							
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>							
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>								
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector					
Doc/Data														
Equip/Tooling														
Operator														
Material														
Setup														
Other														
Process														
Supplier														
Training														
Unapproved														
FAULT CATEGORY														
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio		<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled		<input type="checkbox"/> Other

# Picklist Print

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Page 14

Work Order ID: 99942

\*99942\*  
\*646 4001\*

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

AN3-11A

Purchased No

Each 672.0000

\*\*

\*AN3-11A\*  
Bolt

SM



<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST351	72	
123525	72	
ST512	600	
115457	100	
123352	200	
123759	300	
	Each 9.0000	

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST	9	
125051	9	
	Each 9.0000	

\*\*

600.0990

Purchased No

Each 9.0000

\*600 0990\*

Magnabond 6398 Part A (One 4 oz can)

SM



600.0991

Purchased No

Each 9.0000

\*600 0991\*

Magnabond 6398 Part B (One 4 oz can)

SM



600.1012

Purchased No

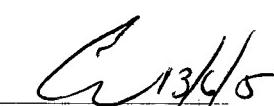
Each 9.0000

\*600 1012\*

Sealant (One 6 oz Semikit)

SM

\*\*



<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST	9	
125051	9	
	Each 9.0000	

\*\*

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <hr/> <hr/>							
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled  <hr/>							
				<input type="checkbox"/> Other							

# Picklist Print

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Page 15

Work Order ID: 99942

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

\*99942\*  
\*646 4001\*

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

600.0129

Purchased

No

f

128.0000

\*\*

\*600.0129\*

VHB Tape (75935A651 mcmaster)

1X96"

600.1013

Shr

Purchased

No

125031

Location

Loc Qty

Loc Code

ST 128

125031 128

Each 945.0000

\*\*

\*600.1013\*

Tape Primer

Shr

646.3910

Manufactured

No

125154

Location

Loc Qty

Loc Code

ST139A 945

125154 945

Each 72.0000

\*\*

\*646.3910\*

Shim

Shr

646.3911

Manufactured

No

125083

Location

Loc Qty

Loc Code

ST139B 22

125083 22

ST139d 50

93238 50

Each 20.0000

\*\*

\*646.3911\*

Shim

Shr

ST139A

93362

Location

Loc Qty

Loc Code

125083 1

ST139d 1

93362 19

93362 19

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

## **WORK ORDER NON-COMPLIANCE / UPDATE**

QA Closed: Date:

Work Order: _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS					
				Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other			
Part No. _____											
NCR No. _____											
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
Bending	General			Grain	General			Ovalized	Pressure/Forced		
Centre Not Concentric to O/S	Bend	General			Hardware	General			Over/Under tolerance	Temperature/Cure	
Cracks	BOM/Route	General			Inspection Incomplete	General			Part Incorrect	Weld	
Crushed/Crimped.	Broken/Damaged	General			Instructions Incomplete/Unclear	General			Part Lost/Missing	Wrong Stock Pulled	
Cuffs	Burrs	General			Maintenance	General			Part Moved		
Heat Treat	Contamination	General			Mislabeled	General			Positioned Wrong		
Inspection Strip in Tube	Countersink	General			Misread	General			Power Loss/Surge		
Ripples in Bend	Cut Too Short	General			Offset	General			Other		
Torque Waves in Extrusion	Drill Holes	General			Out of Calibration	General					
Turning Sequence	Drawing	General			Out of Sequence	General					
Wave/Twist in Tube	Finish	General			Outside Dimensions	General					
	Folio	General				General					

# Picklist Print

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Work Order ID: 99942

\*99942\*  
\*646 4001\*

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Start Qty: 1.00

Required Date: 4/30/13

Required Qty: 1.00

646.3912

Manufactured No

Each 73.0000

\*\*

\*646 3912\*

Shim

Skf

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST139A	22	
125083	22	
ST139d	51	
93423	51	

646.3913

Manufactured No

Each 36.0000

\*\*

\*646 3913\*

Shim

Skf

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST139B	16	
125083	16	
ST139d	20	
93160	20	

AN3-12A

Purchased No

Each 59.0000

\*\*

\*AN3-12A\*

Bolt

Skf

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
GA	6	
122407	6	
ST351	5	
114536	1	
123352	4	
ST512	48	
123759	48	

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

NCR: Yes / No

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS						
			Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/> Equip/Tooling <input type="checkbox"/> Operator <input type="checkbox"/> Material <input type="checkbox"/> Setup <input type="checkbox"/> Other <input type="checkbox"/> Process <input type="checkbox"/> Supplier <input type="checkbox"/> Training <input type="checkbox"/> Unapproved <input type="checkbox"/>											
FAULT CATEGORY											
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <hr/> <hr/>	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled  <hr/> <hr/>

# Picklist Print

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Page 17

Work Order ID: 99942

\*99942\*

Parent Item: 646.4001

\*646 4001\*

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Required Date: 4/30/13

MS27039-1-16

Purchased

No

Each

70.0000

Start Qty: 1.00

Required Qty: 1.00

\*MS27039-1-16\*

Screw

\*\*  
2

R  
13/04/13  
JG

Spec

Shb

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST306	70	
122993	70	

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other							

**APICAL**  
INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO 03079

SHEET 1 JF 1

DWG NO. 646.4000

REV: A

PREPARED BY N.CAP

DATE: 03/21/11

EFFECT ON DWG  
 INC.  UNINC.

DWG TITLE: AS350 CABLE CUTTERS KIT

APPROVED BY:

ENGR *P.Bano*

MFG *David Bohm*

QC

*Marshall Sosa*

EFF: NEXT ORDER

TRANSACTION CODES (TC):  
A-ADD C-CREATE  
R-REVISE D-DELETE

REASON: CREATED FIXED AND CCK WITHOUT FIXED PROVISIONS KIT

SHEET 1, BOM, IS:

NO. OF P/N ID  
UNCONTRACTED COPY  
SUBCUTTER ASSEMBLY  
WORK CENTER  
NO 99942 MLJ  
13-04-16

REF	REF	REF	65	6475701	GPS MOUNT KIT		
6	64	6013151	64	VASHER	<i>NSH474K00P</i>		
2	63	6012911	63	SCREW	<i>NS24694330</i>		
2	2	6012637	62	SCREW	<i>NS27039-1-16</i>		
2	2	6012763	61	BOLT	<i>NS27039-1-16</i>		
1	1	60	6463913	SHIM	<i>NS-12A</i>		
4	4	59	6463912	SHIM			
1	1	59	6463911	SHIM			
4	4	57	6463910	SHIM			
5	5	56	6001013	PRIMER			
8 FT	8 FT	55	6000129	VHB TAPE			
1	1	54	6001012	SEALANT	<i>PR-102 CLASS 9</i>		
4004	4002	4001	FIND #	PART #	DESCRIPTION	INSTR	SPEC

1	1	53	6000991	HARDWARE 6398 PART B				
1	1	52	6000990	HARDWARE 6398 PART A				
8	8	51	6012826	BOLT	<i>NS-1A</i>			
2	2	50	6463814	VIPER BRACKET				
2	2	49	6012910	SCREW	<i>NS27039-1-18</i>			
2	2	48	6011365	SCREW	<i>NS27039-1-18</i>			
2	2	47	6463719	DOUBLER				
2	2	46	6463718	CUSTOM WASHER				
1	1	45	6463717	DOUBLER				
22	22	44	6011948	SCREW	<i>NS27039-1-19</i>			
2	2	43	6011952	SCREW	<i>NS27039-1-20</i>			
4	4	42	6011956	SCREW	<i>NS27039-1-21</i>			
2	2	41	6012829	SCREW	<i>NS24694354</i>			
2	2	40	6012831	RIVET	<i>NS28470A02-7</i>			
1	1	39	6463716	GAUGE BRACKET				
6	6	38	6011953	SCREW	<i>NS27039-1-12</i>			
2	2	37	6463715	STRUT DOUBLER				
2	2	36	6012824	BOLT	<i>NS-5A</i>			
36	36	35	6012277	RIVET	<i>NS28470A02-2-02</i>			
18	18	34	6000795	NUTPLATE	<i>NS28470A02-3</i>			
3	3	33	6012565	RIVET	<i>NS28470A02-7</i>			
1	1	32	6463813	STRUT BRACKET				
4	4	31	6012822	BOLT	<i>NS-2A</i>			
2	2	30	6463812	GUSSET BRACKET				
8	8	29	6012564	RIVET	<i>NS28470A02-6</i>			
1	1	28	6463714	GUSSET				
1	1	27	6463610	FILLER				
1	1	26	6012830	SCREW	<i>NS24694353</i>			
2	2	25	6012825	BOLT	<i>NS-6A</i>			
1	1	24	6463811	RADIUS BLOCK				
1	1	23	6463712	CLIP				
8	8	21	6012832	RIVET	<i>NS28470A02-5-3</i>			
14	14	20	6012820	RIVET	<i>NS28470A02-5-3</i>			
10	10	19	6012823	BOLT	<i>NS-1A</i>			
1	1	18	6012827	BOLT	<i>NS-13A</i>			
5	5	17	6012912	SCREW	<i>NS24694353</i>			
1	1	16	6463713	GUSSET				
1	1	15	6463210	SUPPORT				
1	1	14	6463710	DOUBLER				
8	55	16	63	12	CHANNEL			
18	116	16	134	11	LOCKNUT	<i>NS28423</i>		
			10	6011607	WASHER	<i>NS28423</i>		
			9	6463411	RH VIPER REFLECTOR			
			8	6463410	LH VIPER REFLECTOR			
			1	6463511	STRUT			
			1	6463510	STRUT			
			1	5	6463510	STRUT		
			2	4	6463810	BRACKET		
			3	6462910	DEFLECTOR			
			2	2	6463201	LOWER CUTTER ASSY		
			1	1	6463301	UPPER CUTTER ASSY		
X				6464004	FIXED PROVISIONS KIT			
X				6464003	OVER CUTTER KIT			
X				6464006	OVER/UNDER REFLECTOR KIT			
X				6464001	AS350 CABLE CUTTERS KIT			
4004	4003	4002	4001	FIND #	PART #	DESCRIPTION	INSTR	SPEC

DOCUMENTS EFFECTED:

MDL  INSTALL INSTRUC

ICA

BOM

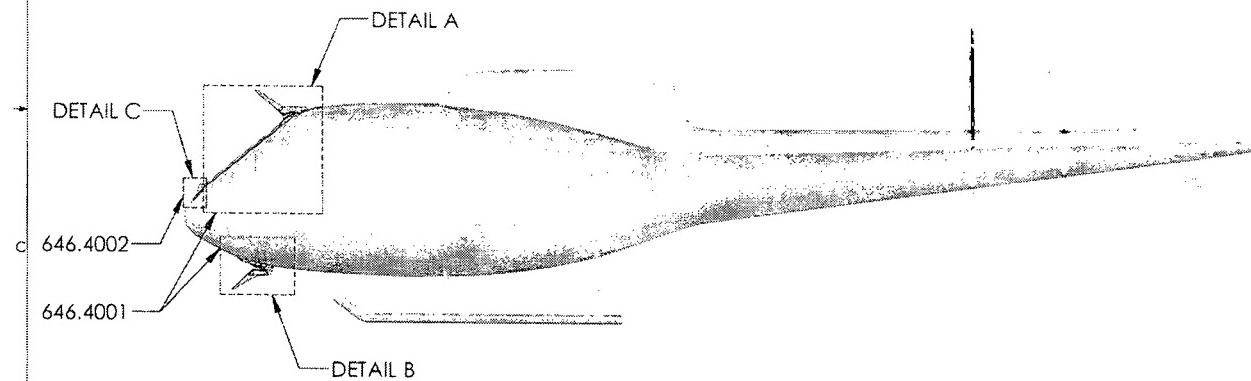
CHANGE CATEGORY  
 MAJOR  MINOR

DER REVIEW REQUIRED  
 YES  NO

99942

• 116 •

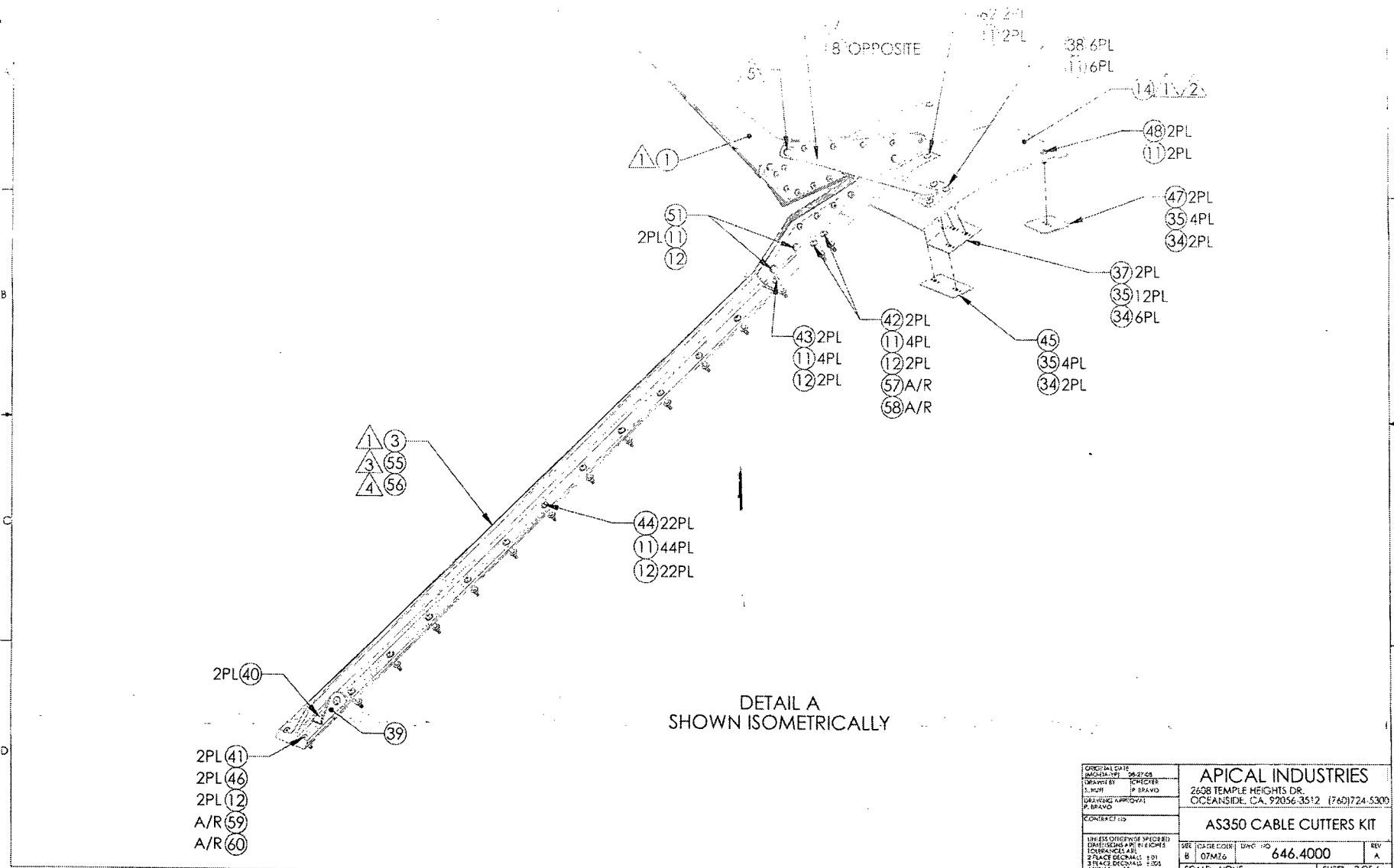
-  AFTER INSTALLATION, APPLY F/N 54 A/R TO FILLET GAPS AND FILLET EDGES
  -  INSTALL F/N 14 WITH F/N 52 & 53
  -  3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE  
VENDOR : MCMASTER-CARR P/N 75935A651
  -  3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE  
VENDOR: R.S. HUGHES P/N 021200-24216
  -  REUSE FASTENERS FROM F/N 1
  -  USE WASHERS AS REQUIRED AS SHIMS TO OBTAIN BEST FITMENT



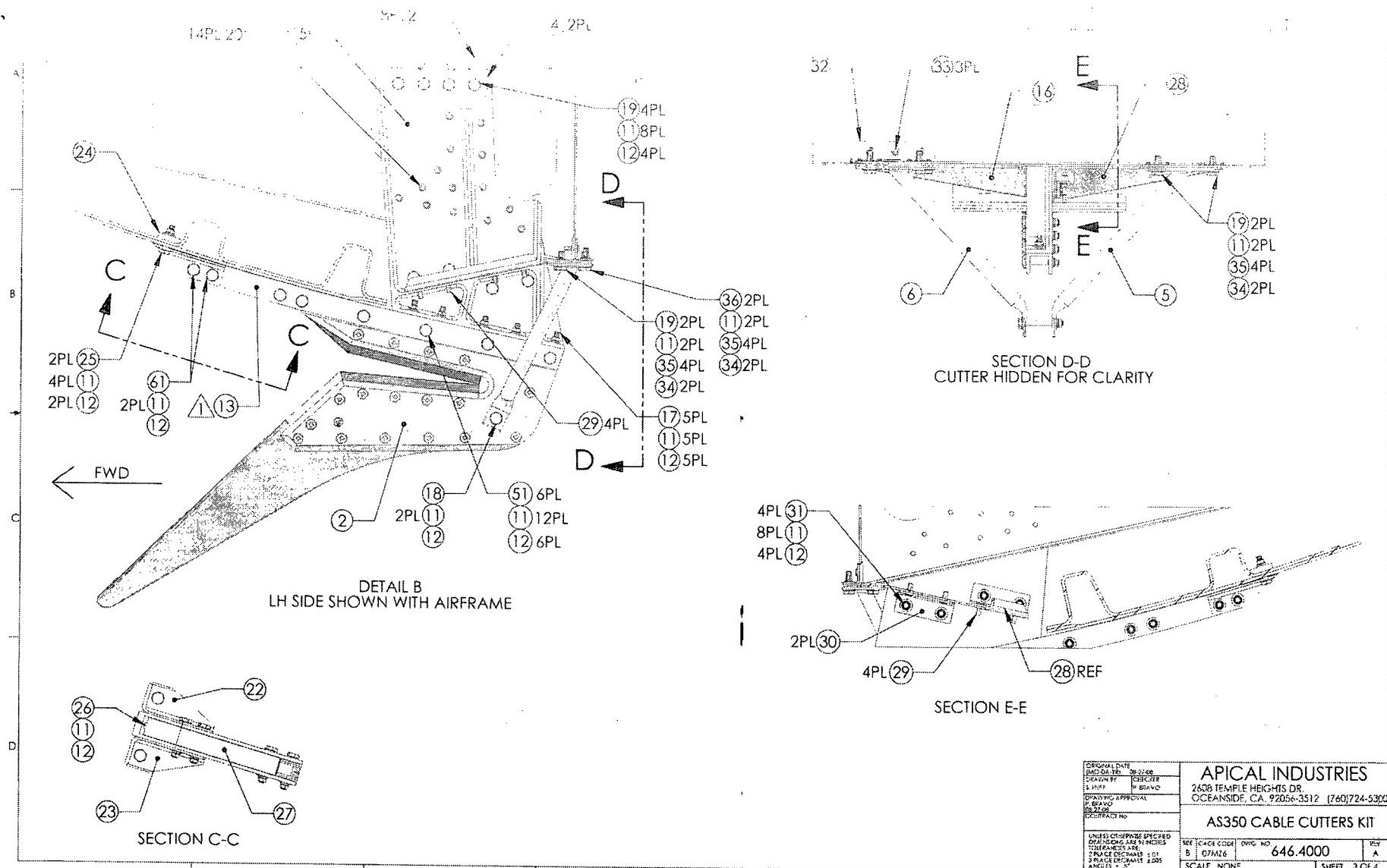
6	64	601.3151	WASHER	NAS1441M160P
2	63	601.2911	SCREW	AS24694533
2	62	601.2637	SCREW	AS27031-1.16
2	61	601.2763	BOLT	AMS12A
1	60	646.3913	SHIM	
4	59	646.3912	SHIM	
1	58	646.3911	SHIM	
500	500	FIND #	PAPL #	DESCRIPTION
				MATERIAL
				SPC

QTY	FIND #	PART #	DESCRIPTION	MATL:	SPEC
1	1	646.3711	CHANNEL		
1	6	646.3710	LOCKNUT		
1	12	601.1624	BOLT		
1	13	646.3110	WASHER		
6	63	601.1607	WASHER		
16	134	601.1607	WASHER		
1	10	646.3411	RH WIPER DEFLECTOR		
1	9	646.3410	LH WIPER DEFLECTOR		
1	8	646.3513	STRUT		
1	7	646.3512	STRUT		
1	6	646.3511	STRUT		
1	5	646.3510	STRUT		
2	4	646.3810	BRACKET		
1	3	646.2910	DEFLECTOR		
1	2	646.3001	LOWER CUTTER ASSY		
1	1	646.3301	UPPER CUTTER ASSY		
		646.4002	AS350 WIPER DEFLECTOR KIT		
		646.4001	AS350 CABLE CUTTERS KIT		
A100	102	FIND #	PART #	DESCRIPTION	MATL:
				PARTS LIST	
NEXI ASSY (S)					
		ORIGINAL DATE	08-27-08		
		DRAWN BY	J. HUFF		
		REVIEWED BY	P. BRAVO		
		DRAWSN APPROVAL			
		DR. 27-08			
		CONTRACT NO.			
		UNLESS OTHERWISE SPECIFIED			
		DIMENSIONS ARE IN INCHES			
		ALL LENGTHS ARE IN INCHES			
		ALL DECIMALS = .01			
		ALL TOLERANCES = ± .005			
		ALL SPACES = 1/16			

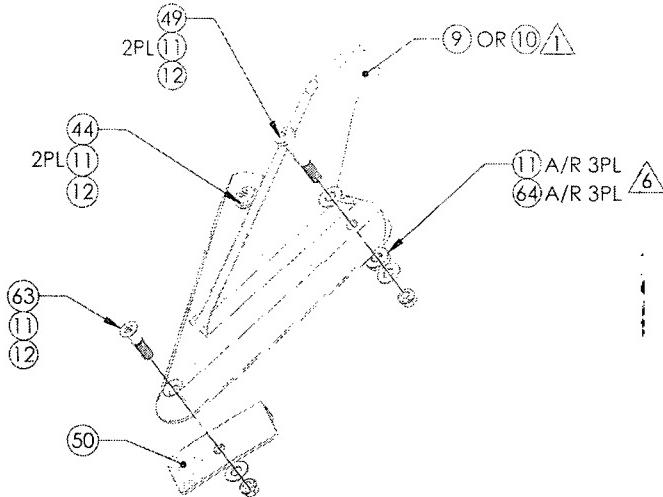
99942



99942



99942



DETAIL C  
LH SHOWN EXPLODED  
RH OPPOSITE

COMMISSION DATE	05/02/08
DESIGNER	APICAL INDUSTRIES
MANUFACTURER	APICAL INDUSTRIES
XS SHEET	1 OF 4
DRAWING APPROVAL	SPAVO
DATE APPROVED	05/02/08
CONTRACT NO.	
UNLESS OTHERWISE SPECIFIED STANDARD ASME Y14.5M-1994 TOLERANCES ARE: +0.000/-0.000 CUT PLATES, DRILLS & GDS ANCHORS ± 5°	
NET WEIGHT: 6.0000	REV:
8.07 MBS	646.4000
SCALE: NONE	SHEET: 1 OF 4

APICAL INDUSTRIES

2605 TEMPLE HEIGHTS DR.  
OCEANSIDE, CA 92056-3512 (760)724-5300

AS350 CABLE CUTTERS KIT

**APICAL**  
INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO. 03079

SHEET 1 OF 1

DWG NO. 646.4000

REV: A

PREPARED BY: N.CAP

DATE: 03/21/11

EFFECT ON DWG  
 INC.  UNINC.

DWG TITLE: AS350 CABLE CUTTERS KIT

APPROVED BY:

ENGR: *P. Arano*

MFG:

*David Baker*

QC:

*Marcelo Sosa*

EFF: NEXT ORDER

TRANSACTION CODES (TC)  
A-ADD C-CREATE  
R-REVISE D-DELETE

REASON: CREATED FIXED AND CCK WITHOUT FIXED PROVISIONS KIT

SHEET 1, BOM, IS:

REFERENCE ONLY

1	1	53	600.0991	MANUFACTURE AS350 PART B	
8	1	52	600.0990	MANUFACTURE AS350 PART A	
	8	51	601.2826	BOLT	<input type="checkbox"/> ANG-1A
2	2	50	646.3914	WIPER BRACKET	
2	2	49	601.2910	SCREW	<input type="checkbox"/> NS27K09-1-1B
2	2	48	601.1365	SCREW	<input type="checkbox"/> NS27K09-1-1B
2	1	47	646.3719	DOUBLER	
2	2	46	646.3718	CUSTOM WASHER	
1	1	45	646.3717	DOUBLER	
22	2	44	601.1948	SCREW	<input type="checkbox"/> NS27K09-1-1B
2	2	43	601.1952	SCREW	<input type="checkbox"/> NS27K09-1-2B
4	4	42	601.1956	SCREW	<input type="checkbox"/> NS27K09-1-2B
2	2	41	601.2829	SCREW	<input type="checkbox"/> NS27K09-1-2B
2	1	40	601.2831	RIVET	<input type="checkbox"/> NS28450AB-7
1	1	39	646.3716	GAUGE BRACKET	
6	6	38	601.1953	SCREW	<input type="checkbox"/> NS27K09-1-2B
2	2	37	646.3715	STRUT DOUBLER	
2	2	36	601.2824	BOLT	<input type="checkbox"/> ANG-1A
36	36	35	601.2277	RIVET	<input type="checkbox"/> NS28450AB-6
18	18	34	600.0795	NUTPLATE	<input type="checkbox"/> NS28450-7
3	3	33	601.2565	RIVET	<input type="checkbox"/> NS28450AB-7
1	1	32	646.3813	STRUT BRACKET	
4	4	31	601.2922	BOLT	<input type="checkbox"/> ANG-1A
2	2	30	646.3812	GUSSET BRACKET	
6	8	29	601.2564	RIVET	<input type="checkbox"/> NS28450AB-6
1	1	28	646.3714	GUSSET	
	1	27	646.3610	FILLER	
	1	26	601.2820	SCREW	<input type="checkbox"/> NS24694333
2	2	25	601.2825	BOLT	<input type="checkbox"/> ANG-1A
	1	24	646.3811	RADIUS BLOCK	
	1	23	646.3712	CLIP	
	1	22	646.3711	CLIP	
9	1	21	601.2832	RIVET	<input type="checkbox"/> NS28450AB-6
14	14	20	601.2020	RIVET	<input type="checkbox"/> NS223-5-3
10	10	19	601.2823	BOLT	<input type="checkbox"/> ANG-1A
	1	18	601.2827	BOLT	<input type="checkbox"/> ANG-1A
5	5	17	601.2912	SCREW	<input type="checkbox"/> NS24694333
1	1	16	646.3713	GUSSET	
	1	15	646.3210	SUPPORT	
	1	14	646.3710	DOUBLER	
	1	13	646.3110	CHANNEL	
9	55	63	601.1624	LOCKNUT	<input type="checkbox"/> NS2042-3
10	116	14	601.1607	WASHER	<input type="checkbox"/> NS2042-3
	10	646.3411	RH VIPER DEFLECTOR		
	9	646.3410	LH VIPER DEFLECTOR		
	1	646.3513	STRUT		
	1	646.3512	STRUT		
	1	646.3511	STRUT		
2	1	5	646.3510	STRUT	
	2	4	646.3810	BRACKET	
	3	646.2910	DEFLECTOR		
	1	2	646.3001	LOWER CUTTER ASSY	
	1	1	646.3301	UPPER CUTTER ASSY	
X			646.4004	FIXED PROVISIONS KIT	
X			646.4003	AS350 CABLE CUTTERS KIT	
X			646.4008	AS350 CABLE CUTTERS KIT	
X			646.4001	AS350 CABLE CUTTERS KIT	

REF	REF	REF	65	647.5701	GPS MOUNT KIT	
6	64	601.3151	WASHER	NS24694333		
2	63	601.2911	SCREW	NS24694333		
2	2	62	601.2637	SCREW	<input type="checkbox"/> NS27K09-1-1B	
2	2	61	601.2763	BOLT	<input type="checkbox"/> ANG-1A	
1	1	60	646.3913	SHIM		
4	4	59	646.3912	SHIM		
1	1	58	646.3911	SHIM		
4	4	57	646.3910	SHIM		
5	5	56	600.1013	PRIMER		
8 FT	8 FT	55	600.0129	VHB TAPE		
1	1	54	600.1012	SEALANT	<input type="checkbox"/> NS-103 CLASS 3	
AB4	AB3	AB2	AB1	FIND #	PART #	DESCRIPTION
					MATL.	SPEC.

DOCUMENTS EFFECTED:

MDL  INSTALL INSTRUC

ICA

BOM

CHANGE CATEGORY

MAJOR  MINOR

DER REVIEW REQUIRED

YES  NO

REFERENCE ONLY

SM

1	2	3	4	5	6	7	8
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.							

REVISIONS		
REV.	DESCRIPTION	DATE APPROVED
A	INCORPORATED (CNS 01192 0233) C9749 & 02715	02/06/2010 P BRAVO

UNLINED CANCELLED ECN(S)

03046 03079

NOTES:

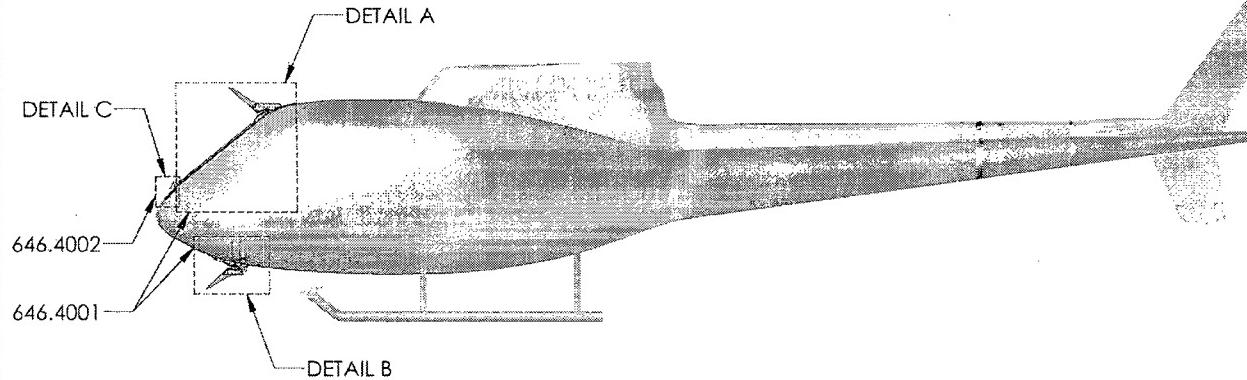
- AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES
- INSTALL F/N 14 WITH F/N 52 & 53
- 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE  
VENDOR : MCMASTER-CARR P/N 75935A651
- 3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE  
VENDOR: R.S. HUGHES P/N 021200-24216
- REUSE FASTENERS FROM F/N 1
- USE WASHERS AS REQUIRED AS SHIMS TO OBTAIN BEST FITMENT

A

B

C

D



QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
6	64	601.3151	WASHER	N521191G36P	
2	63	601.2911	SCREW	N524491553	
2	62	601.2637	SCREW	N527039-1-6	
2	61	601.2763	BOLT	AN3-12A	
1	60	646.3913	SHIM		
4	59	646.3912	SHIM		
1	58	646.3911	SHIM		

QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
1	57	646.3910	SHIM		
5	56	600.1013	PRIMER		
8 FT	55	600.0129	VHB TAPE		
1	54	600.1012	SEALANT		
1	53	600.0991	MAGNO GND 63P PART B		
1	52	600.0990	MAGNO GND 63P PART A		
8	51	601.2826	BOLT	ANS-11A	
2	50	646.3814	WIPER BRACKET		
2	49	601.2910	SCREW	MS27039-1-18	
2	48	601.1365	SCREW	MS27039-1-10	
2	47	646.3719	DOUBLER		
2	46	646.3718	CUSTOM WASHER		
1	45	646.3717	DOUBLER		
2	44	601.1948	SCREW	MS27039-1-19	
2	43	601.1952	SCREW	MS27039-1-20	
4	42	601.1956	SCREW	MS27039-1-21	
2	41	601.2829	SCREW	MS2469454	
2	40	601.2831	RIVET	MS20426AD5-7	
1	39	646.3716	GAUGE BRACKET		
6	38	601.1953	SCREW	MS27039-1-12	
2	37	646.3715	STRUT DOUBLER		
2	36	601.2824	BOLT	ANS-5A	
36	35	601.2277	RIVET	CCP944G3-302	
18	34	600.0795	NUTPLATE	MS21047-3	
3	33	601.2565	RIVET	MS25470AD5-7	
1	32	646.3813	STRUT BRACKET		
4	31	601.2822	BOLT	ANS-3A	
2	30	646.3812	GUSSET BRACKET		
8	29	601.2564	RIVET	MS20417AD5-6	
1	28	646.3714	GUSSET		
1	27	646.3610	FILLER		
1	26	601.2833	SCREW	MS2469455	
2	25	601.2825	BOLT	ANS-6A	
1	24	646.3811	RADIUS BLOCK		
1	23	646.3712	CLIP		
1	22	646.3711	CLIP		
9	21	601.2652	RIVET	MS20416AD5-8	
14	20	601.2020	RIVET	CR2013-5-3	
10	19	601.2823	BOLT	ANS-4A	
1	18	601.2827	BOLT	ANS-13A	
5	17	601.2912	SCREW	MS2469455	
1	16	646.3713	GUSSET		
1	15	646.3210	SUPPORT		
1	14	646.3710	DOUBLER		
1	13	646.3110	CHANNEL		
6	12	601.1624	LOCKNUT	MS21047-3	
16	11	601.1607	WASHER	MS2146H307	
1	10	646.3411	RH WIPER DEFLECTOR		
1	9	646.3410	LH WIPER DEFLECTOR		
1	8	646.3513	STRUT		
1	7	646.3512	STRUT		
1	6	646.3511	STRUT		
1	5	646.3510	STRUT		
2	4	646.3810	BRACKET		
1	3	646.2910	DEFLECTOR		
1	2	646.3001	LOWER CUTTER ASSY		
1	1	646.3301	UPPER CUTTER ASSY		
	646.4002		ASS30 WIPER DEFLECTOR KIT		
	646.4001		ASS30 CABLE CUTTERS KIT		

NEXT ASSY (5)		DRAWN BY	APICAL INDUSTRIES
		3-HOT	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 [760]724-5300
		SPONSOR APPROVAL	AS350 CABLE CUTTERS KIT
REV	002768	002768	
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED			
DIMENSIONS ARE IN INCHES			
ALL PLATES DECKED 1/8"			
ALL DECIMALS = .005			
ANGLES = 3°			
SCALE: NONE	REV	646.4000	1 OF 4
	B	D7M66	

Work Order ID 99942

April-16-13 12:37:12 PM

\*99942\*

Page 1

Item ID: 646.4001

Accept

\*N900040100\*

Setup

Start

\*NS1\*

Revision ID:

Item Name: AS350 Cable Cutter

Stop

\*NS2\*

Start Date: 4/16/13 Start Qty: 1.00

\*1\*

Cust Item ID:

Required Date: 4/30/13 Req'd Qty: 1.00

\*1\*

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 13-04-16 Tooling:

Date:

Run

Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
646.4000	A

100

0.00

\*100\*

DOCUMENT CONTROL

DC

Memo 0.00

Document Control

Photocopy bluefile & type labels per PPP 646.4001

MLJ 13-06-16

110

Pick Kit

0.00

\*110\*

Packaging

Memo 0.00

Packaging

120

QC4- 100% Inspect kits for completeness

0.00

\*120\*

QC

Memo 0.00

Quality Control